

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-017092

(43)Date of publication of application : 18.01.2000

(51)Int.Cl.

C08J 7/04

B29C 70/06

C08F283/01

(21)Application number : 10-185485

(71)Applicant : HITACHI CHEM CO LTD

(22)Date of filing : 30.06.1998

(72)Inventor : SUZUKI YASUHIRO

(54) PREPARATION OF FRP MOLDED ARTICLE WITH GEL COAT

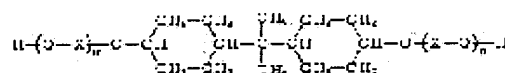
(57)Abstract:

PROBLEM TO BE SOLVED: To provide a process for preparing an FRP molded product with a gel coat which does not suffer from the lowering of rigidity, is excellent in lamination work efficiency and curability and can be employed in a wide range of fields.

SOLUTION: There is provided a process for preparing an FRP molded product with a gel coat comprising successively forming a gel coat layer, an interlayer on the surface thereof by curing an unsaturated polyester resin composition in the presence of a fiber reinforcing material and a reinforcing layer, wherein the unsaturated polyester resin composition to form a gel coat layer comprises an unsaturated polyester obtained by reacting an unsaturated dibasic acid or an anhydride thereof with a hydrogenated bisphenol A alkylene oxide derivative represented by the following formula (1):

$$\text{HO}-(\text{CH}_2)_m-\text{O}-(\text{CH}_2)_n-\text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{O}-(\text{CH}_2)_n-\text{O}-(\text{CH}_2)_m-\text{OH}$$

wherein m and n are each a positive number adding up to 2.2-ethylene or 1,2-propylene group), a polymerizable unsaturated polyester resin composition for intermediate temperature molding.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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